Index of Claims

Application/Control No.

09/852,977

Examiner

ı

Melur Ramakrishnaiah

Applicant(s)/Patent under Reexamination

**GU, QUNSHAN** 

Art Unit

2614

Rejected **Allowed** 

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** Α 0 Objected

| Ol-i- | Claim Data |          |          |          |  |              |         |          |              |             | Claim      |          |                 |               |          |              |                    | $\neg$   |              | -!      | Date     |           |               |          |         |              |           |          |              |           |                   |   |
|-------|------------|----------|----------|----------|--|--------------|---------|----------|--------------|-------------|------------|----------|-----------------|---------------|----------|--------------|--------------------|--|--------------|---------|----------|-----------|---------------|----------|---------|--------------|-----------|----------|--------------|-----------|-------------------|---|
| Claim |            |          |          |          |  |              |         |          |              | Cla         | Claim Date |          |                 |               |          | <del></del>  |                    |  |              |         | aim      |           | $\overline{}$ | -        | ᅮ       | Jate         | ;<br>     |          |              | _         |                   |   |
| Final | Onginal    | 7-1-52   | •        |          |  | 3            |         |          |              |             | Final      | Original |                 |               |          |              |                    |  |              |         |          | Final     | Original      |          |         |              |           |          |              |           |                   |   |
| (1    | <u>7</u>   | Ż        | ┝        | ┝        | <del> </del>                                     | ╁╌           | +       | ╁╴       | +            | Н           | $\vdash$   | 51       | Н               | -             | -        | +            | +                  | -+   | $\dashv$     | ╁       | -        | _         | 101           | 1        | +       | ╅            | _         | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$          | _ |
| 2     | _          | Ť        | ┢        | ┢        | 1  | +            | T       | +        | $\vdash$     | H           |            | 52       |                 | $\neg$        | $\dashv$ | _            | $\exists$          | 十  | +            |         | -        |           | 102           | $\vdash$ | $^{+}$  | $^{\dagger}$ | ┪         | $\dashv$ | ┪            | $\dashv$  | $\dashv$          | _ |
| 3     |            | 1        | ┢        |          |  | ╁            | T       | T        |              | Н           |            | 53       | Н               |               | 1        | 7            | 7                  |  | $\top$       | _       | 1        |           | 103           |          |         | $\top$       | 7         | $\neg$   |              | $\neg$    | $\dashv$          | _ |
| 4     |            | 7        |          | Г        | T  | $\top$       | T       | 1        |              | П           |            | 54       | П               |               | $\dashv$ |              | 丁                  | T  | T            |         | 1        |           | 104           |          | $\top$  | 1            |           | 一        |              |           | T                 | _ |
| 5     | 5          | Τ        |          |          |  | Τ            | 1       |          |              |             |            | 55       |                 |               |          |              |                    |  |              |         |          |           | 105           |          |         |              |           |          |              |           |                   |   |
| 6     | 6          | Ι        |          |          |  | I            |         |          |              |             |            | 56       |                 |               |          |              |                    |  |              |         | ]        |           | 106           |          |         |              |           |          |              |           |                   |   |
| 7     |            | 1        |          |          |  |              | $\perp$ |          | L            |             |            | 57       |                 |               |          |              |                    |  |              |         |          |           | 107           |          | $\perp$ | $\perp$      |           | $\Box$   | _            | _         | $\Box$            |   |
| 8     |            | 1        |          | _        | ļ  | _            | 1       |          | ļ.,          | Ш           | ļ          | 58       | Ш               | _             | $\perp$  |              |                    | _  |              |         | _        |           | 108           | $\perp$  | 4       | 4            |           | _        | _            | _         | $\dashv$          |   |
| 9     |            | 4        |          |          | <b> </b>   | ↓_           | ╄       | $\bot$   | ↓_           | $\square$   | <b></b>    | 59       | Ш               | -             | -        | 4            | 4                  | -  | $\dashv$     | -       | 4        |           | 109           |          | 4       | 4            | _         |          |              |           | -+                |   |
| 10    |            | +        | _        |          | ⊢  | +-           | ┿       | ┼        | ┼            | <del></del> |            | 60       |                 | -             | $\dashv$ | -            | -+                 |  | $\dashv$     | +       | 4        | <b>⊢</b>  | 110           |          | +       | +            | _         | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$          | _ |
| 1     |            | +        | <u> </u> | ├        | ╀  | +-           | +       | +-       | $\vdash$     | $\vdash$    | -          | 61       | Н               |               | $\dashv$ | -            | +                  | $\dashv$   | -            | +       | 4        | -         | 111<br>112    | $\vdash$ | +       | +            | $\dashv$  | $\dashv$ |              | -         | -+                | _ |
| 1:    |            | +        | <b></b>  | -        | ├-   | ╁            | +-      | +        | +-           | $\vdash$    |            | 62<br>63 | $\vdash$        | $\dashv$      | $\dashv$ | +            | +                  | $\dashv$   | -            | +       | -        | -         | 113           | +        | +       | +            | -         |          |              | $\dashv$  | +                 | _ |
| 14    |            | +        | $\vdash$ | $\vdash$ | $\vdash$   | +            | +       | +        | $\vdash$     | H           | $\vdash$   | 64       | $\vdash$        | $\dashv$      | $\dashv$ | +            | +                  | $\dashv$   | +            | +       | $\dashv$ |           | 114           | $\dashv$ | +       | +            | ┥         | $\dashv$ | ᅱ            | $\dashv$  | $\dashv$          | _ |
| 1:    |            | +        | Н        | $\vdash$ | $\vdash$   | +            | +       | +        | +            | H           | <u> </u>   | 65       | H               | $\dashv$      | +        | +            | +                  | +  | $\dashv$     | +       | 1        | <u> </u>  | 115           | -        | +       | 十            | $\dashv$  | $\dashv$ | ᅱ            | $\dashv$  | $\dashv$          | _ |
| 10    |            | 1        |          | <u> </u> | <del>                                     </del> | †            | T       | †        | 1            | H           |            | 66       | Н               | _             | 7        | +            | $\top$             | 十  | +            | +       | ┪        | <u> </u>  | 116           |          | $^{+}$  | $^{\dagger}$ | 1         | _        | _            | _         | _                 | _ |
| Œ     |            | 1        |          | Г        | 1  | T            | $\top$  | $\top$   | 1            | $\Box$      |            | 67       | П               | $\neg$        | $\dashv$ | 十            | 十                  | 十  | $\top$       | $\top$  | ┨        |           | 117           | $\top$   | $\top$  | Ť            | 1         | 寸        | ヿ            | 寸         | $\dashv$          | _ |
| 10    | 8)         | 7        |          |          | П  |              | $\top$  | $\top$   | $\vdash$     | П           |            | 68       | П               |               | 一        | $\top$       | $\neg$             | 寸  | $\top$       |         | 1        |           | 118           |          | ┪       | T            |           |          |              |           | コ                 | _ |
| (d.   | رو         | T        |          |          |  |              |         |          |              |             |            | 69       |                 |               |          |              |                    |  |              |         |          |           | 119           |          | 1       |              |           | Ī        |              |           | $\Box$            |   |
| (20   | <b>Q</b>   |          | ,        |          |  |              |         |          |              |             |            | 70       |                 |               |          |              |                    |  |              |         |          |           | 120           |          |         |              |           |          |              |           | $\Box$            |   |
| (2)   | 1          |          |          |          |  |              |         |          |              |             |            | 71       |                 |               |          | $\perp$      |                    |  |              |         |          |           | 121           |          |         |              |           |          |              |           |                   |   |
| ত     |            | Ų        | _        | L        | ┖  | _            | $\perp$ | ↓        | <u> </u>     | Ш           |            | 72       | Ш               | _             | $\perp$  | _            | _                  | _  | $\bot$       |         | ╛        |           | 122           |          | $\perp$ | 4            | _         | _        | _            | _         | _                 |   |
| 2:    |            | 1        |          |          | ┖  | ┸            | ↓       | ┺        | ┖            | Ш           |            | 73       |                 |               | _        | $\perp$      | 4                  | 4  | $\perp$      | _ _     | 4        |           | 123           |          | _       | 4            | 4         | _        | _            |           | _                 |   |
| 2     |            | <u>1</u> |          | ļ        | ļ  | ╁_           | ∔       | ┼        | ╄            | Н           |            | 74       | Н               | 4             |          |              | 4                  | +  | +            | +       | 4        |           | 124           | $\dashv$ | +       | +            | 4         |          | <del>i</del> | 1         | $\dashv$          | _ |
| (Q:   |            | =        | _        | -        | $\vdash$   | ╀            | ╀       | ╀        | ⊢            | $\vdash$    |            | 75       |                 | $\dashv$      | +        | +            | -                  | $\dashv$   | +            |         | -        |           | 125           |          | +       | +            | $\dashv$  | $\dashv$ | $\dashv$     | -         | $\dashv$          | _ |
| 20    |            | ╀        | 7        | <u> </u> | -  | ╁╌           | +       | ╁        | -            | Н           | <b> </b>   | 76<br>77 | $\vdash$        | +             | +        |              | $\dashv$           | +  | +            | +       | -        | <u> </u>  | 126<br>127    | -        | +       | ┿            | $\dashv$  | $\dashv$ |              |           | +                 | _ |
| 28    |            | $\Phi$   | /        | -        | ╁─   | +            | ╁       | +        | ╁            | Н           |            | 78       | Н               | $\dashv$      | $\dashv$ | ╅            | $\dashv$           | +  | +            | +       | ┨        | $\vdash$  | 128           | +        | +       | +            | ┪         | -        | -            | -         | $\dashv$          |   |
| 29    |            | ¥        | -        | _        | <del> </del>                                     | ┼-           | +       | +-       | <del> </del> | Н           | <b></b>    | 79       | $\vdash$        | +             | +        | 十            | 十                  | +  | $\pm$        | +       | ┪        |           | 129           | $\dashv$ | +       | +            | ┪         | _        | 一            | 7         | $\dashv$          | _ |
| 30    |            |          |          |          | T  | $^{\dagger}$ | ╈       | ✝        | T            | $\Box$      |            | 80       | Н               | 寸             | $\dashv$ | 十            | 十                  | 十  | 十            | 十       | ┪        |           | 130           | $\neg$   | 十       | $\top$       | ┪         | 寸        | 寸            | 寸         | $\neg$            | _ |
| 3     |            |          |          |          |  | T            | †       | T        |              | Н           |            | 81       | H               | $\rightarrow$ | T        | T            | T                  | 十  | 十            | 十       | ٦.       |           | 131           | 十        | $\top$  | $\top$       | 7         | $\neg$   | T            |           | $\dashv$          | _ |
| 32    |            |          |          |          |  | Т            | 1       | T        | 1            |             |            | 82       | П               |               |          | T            | T                  | T  | T            |         | 1        |           | 132           | T        |         | T            | $\exists$ | 一        | T            | Ī         | T                 | _ |
| 33    |            |          |          |          |  |              |         |          |              |             |            | 83       |                 |               |          |              |                    |  |              |         | ]        |           | 133           |          |         | $\Box$       |           |          |              |           | $\Box$            |   |
| 34    |            |          |          | _        | L  | $\perp$      | 1       |          |              | Ш           |            | 84       |                 | _             | $\perp$  | $\perp$      | $\perp$            | $\perp I$  | $\perp$      |         | _        |           | 134           | $\perp$  |         |              | $\prod$   | Ţ        |              |           | $\bot$            |   |
| 35    |            |          |          |          | _  | $\perp$      | ↓_      | 1_       | ╙            | Ш           | <u> </u>   | 85       | $\sqcup$        | _             | $\dashv$ | $\bot$       | 1                  | $\perp$  | $\perp$      | $\perp$ | 4        | $\vdash$  | 135           | $\perp$  | _       | 4            | 4         | _        | _            | _         | _                 |   |
| 36    |            | _        |          | _        | L  | $\perp$      | 1       | 1        | ┞            | Ш           |            | 86       | $\sqcup$        | _             | $\perp$  | _            | $\perp$            | $\perp$  | $\perp$      | _ _     | 4        |           | 136           | $\perp$  | $\bot$  | 4            | 4         | _        | _            | _         | $\dashv$          |   |
| 37    |            |          |          |          | -  | -            | +-      | ┼        | ⊢            | Н           |            | 87       | $\vdash \vdash$ | $\dashv$      |          |              | +                  | -  | +            | +       | 4        | $\vdash$  | 137           | $\dashv$ |         | +            | 4         |          | $\dashv$     | _         | $\dashv$          | _ |
| 38    |            |          | _        | _        | -  | $\vdash$     | +       | +        | $\vdash$     | Н           | -          | 88<br>89 | $\vdash \dashv$ |               | $\dashv$ | +            | +                  | +  | +            | +       | $\dashv$ | $\vdash$  | 138<br>139    | $\dashv$ | +       | +            | +         | $\dashv$ | 4            | 4         | $\dashv$          | _ |
| 40    |            | _        | _        | _        | H  | $\vdash$     | +       | $\vdash$ | +            | $\vdash$    | -          |          |                 | $\dashv$      | +        | +            | +                  | +  | +            | +       | $\dashv$ | $\vdash$  |               | +        | +       | +            | $\dashv$  | $\dashv$ | $\dashv$     | $\dashv$  | +                 | _ |
| 41    | 1          | -        | $\vdash$ |          |  | ╁            | +-      | $\vdash$ | $\vdash$     | Н           |            | 90       | $\vdash$        | $\dashv$      | +        | +            | +                  | $\dashv$   | +            | +       | $\dashv$ | $\vdash$  | 140           | -+       | +       | +            | +         | $\dashv$ | $\dashv$     | $\dashv$  | +                 |   |
| 42    |            | _        |          | -        |  | ╁╴           | +-      | +        | $\vdash$     | H           | $\vdash$   | 92       | $\vdash$        | $\dashv$      | $\dashv$ | +            | +                  | $\dashv$   | +            | +       | 1        | $\vdash$  | 142           | +        |         | +            | +         | +        | +            | +         | +                 |   |
| 43    |            |          |          |          |  | t            |         | T        |              | $\vdash$    |            | 93       | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$     | +                  | +  | $\dashv$     | +       | 1        | $\vdash$  | 143           | $\dashv$ | $\top$  | +            | +         | 一        | -            | $\dashv$  | $\dashv$          | _ |
| 44    |            |          | $\neg$   |          | Т  | T            | T       | T        | Т            | П           |            | 94       | $\dashv$        | $\dashv$      | $\dashv$ | 十            | 十                  | 十  | 1            |         | 1        |           | 144           | 1        | 十       | +            | 7         | 寸        | 7            | 7         | 十                 | _ |
| 45    | 5          |          |          |          |  |              | L       |          |              |             |            | 95       |                 |               | $\top$   | _            | 十                  | 1  |              | $\top$  | 1        |           | 145           | $\Box$   | _       | T            | ╗         |          | _            | $\exists$ | 寸                 | _ |
| 46    | 6          |          |          |          |  |              |         |          |              |             |            | 96       |                 |               |          |              | ⇉                  | ↿  | ╧            |         |          |           | 146           |          |         |              |           |          |              |           | 丁                 | _ |
| 47    |            |          |          |          | 匚  | 匚            |         |          | 匚            |             |            | 97       |                 | $\Box$        |          | $oxed{\Box}$ | $oxed{\mathbb{I}}$ | $oldsymbol{\mathbb{I}}$  | $oxed{oxed}$ |         |          |           | 147           |          |         | $\perp$      |           |          | $\Box$       | I         | $\Box$            |   |
| 48    |            |          |          |          |  | $\perp$      |         |          | <u> </u>     | Ш           |            | 98       |                 | $\bot$        | $\perp$  | Ţ            | Ţ                  | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\prod$      |         | _        |           | 148           | $\perp$  |         | Ţ            | J         | $\Box$   | $\Box$       | $\Box$    | $oldsymbol{\bot}$ | _ |
| 49    |            |          |          | _        | <u> </u>   | ┺            | ╄-      | _        | <u> </u>     | Ш           |            | 99       | $\sqcup$        | 4             | 4        | _            | 4                  |  | _ _          | $\perp$ | 4        | $\square$ | 149           | $\perp$  | _       | 4            | 4         | _        | 4            | _         | 4                 |   |
| 50    | υĮ         |          |          |          | <u> </u>   |              | Ц.,     | 1        | L            | Ш           |            | 100      | L.              |               |          | $\perp$      |                    |  |              |         | ┙        | Ш         | 150           | L        | _1_     | $\perp$      | ┸         |          | $\sqcup$     | 1         | Ш.                |   |